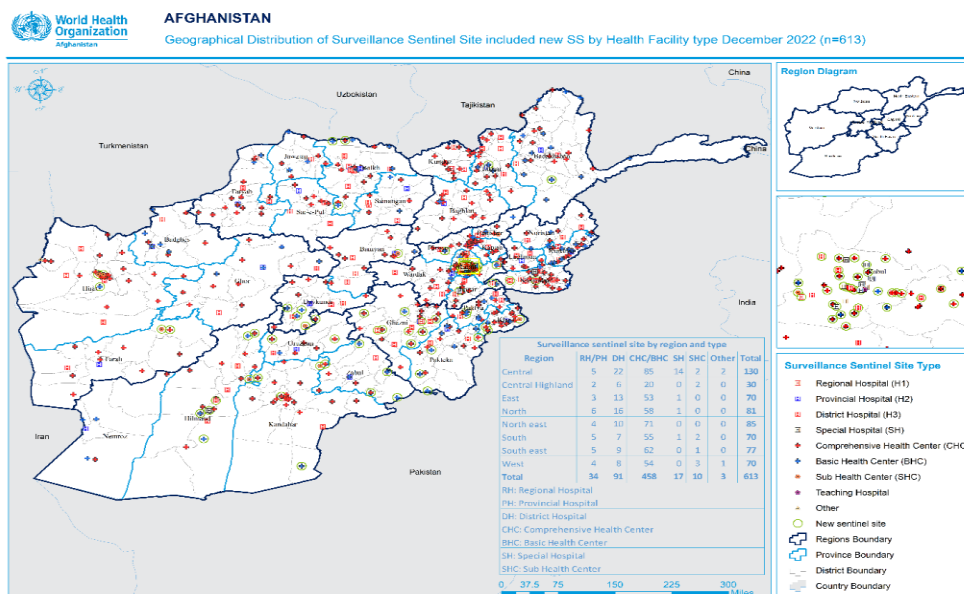


Summary:

- Out of **613** functional Surveillance sentinel sites, **585 (96.1%)** have submitted reports this week.
- A total of **640,204** new consultations, **228,898 (35.8%)** were due to Surveillance targeted diseases. That included **120,616 (52.7%)** males and **108,282 (47.3%)** females. Also, **103,171 (45.1%)** under five years old and **125,727 (54.9%)** five years old and over, reported this week.
- The main causes of consultations in this week were ARI Cough & Cold, **157,417 (24.6%)** cases out of total new consultations, Acute Diarrheal Diseases **31,419 (4.9%)** cases out of total new consultations, and Pneumonia **35073 (5.5%)** cases out of total new consultations.
- A total of **261** deaths were reported this week, of which **77 (29.6%)** deaths were due to Surveillance targeted diseases, which include **68 Pneumonia** deaths, **01 COVID-19** death, **03 Suspected Measles** deaths, **02 Suspected Meningitis/ Severely Ill Child** deaths, **01 Acute Watery Diarrhea (AWD) with Dehydration** death, **01 Tetanus/ Neonatal tetanus** death and **01 Typhoid Fever** death.
- In addition, during this week **33** outbreaks were reported (**16 Suspected Measles** outbreaks were reported from **Bamyan, Farah, Faryab, Ghazni, Helmand, Kabul, Kunar, Nangarhar, Nuristan, Paktya and Urozgan** Provinces, **08 Suspected Chickenpox** outbreaks were reported from **Bamyan, Daykundi, Kandahar, Khost and Nimroz** provinces, **03 ARI/Pneumonia** outbreaks were reported from **Kabul and Paktika** provinces, **03 Clinical Scabies** outbreaks were reported from **Baghlan, Urozgan and Kapisa** provinces, **02 Suspected Mumps** outbreaks were reported from **Helmand and Nimroz** provinces and **01 Dog bites/ Suspected Rabies** outbreak was reported from **Kabul** province.
- Moreover, **121** COVID-19 confirmed cases and **1023** Suspected **Measles** cases were reported at national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2023



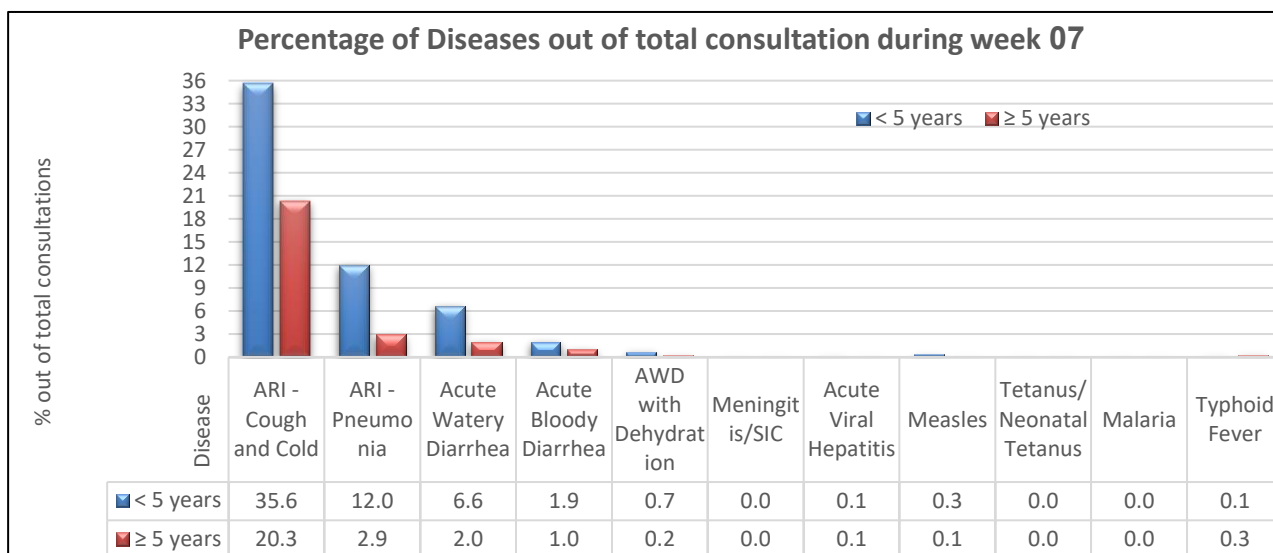
**Table 1: Coverage of NDSR Surveillance System**

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
<b>Total Health Facilities (HF)</b>	8	27	91	437	900	36	1,106	2,093	4,698
<b>HF covered by NDSR-Plus</b>	8	26	90	348	111	17	10	3	613

**Indicator - based Surveillance (IBS):**

The indicator-based surveillance component of NDSR, report 17 priority conditions/infectious diseases from sentinel sites on weekly bases. The data is compared with previous weeks and the corresponding weeks of previous years and the alert and epidemic threshold is checked to see if disease incidence has crossed these levels and necessary action is initiated.

**Figure 2: A**



**Figure 2: B**

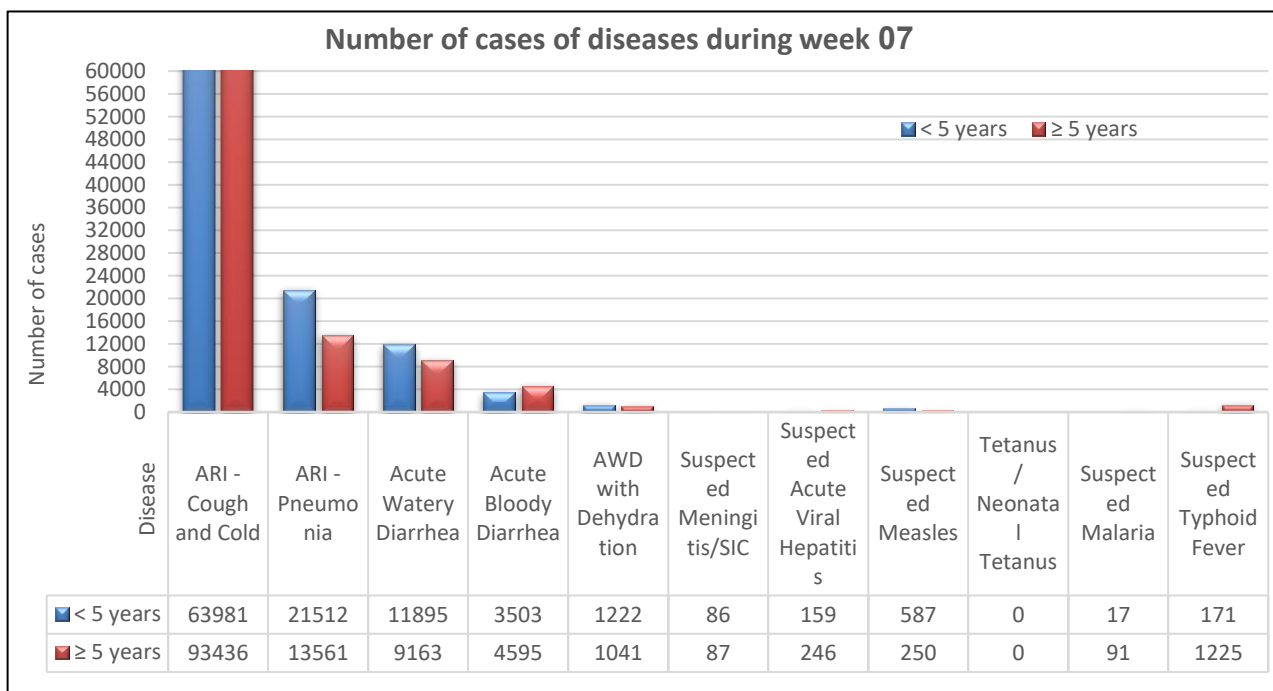


Table 2: Cases and deaths due to VPDs by age group during week 07<sup>th</sup> 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	587	250	837	3	0	3	0.36
Suspected Pertussis	3	1	4	0	0	0	0.00

Seasonal Diseases:

Figure 3: A

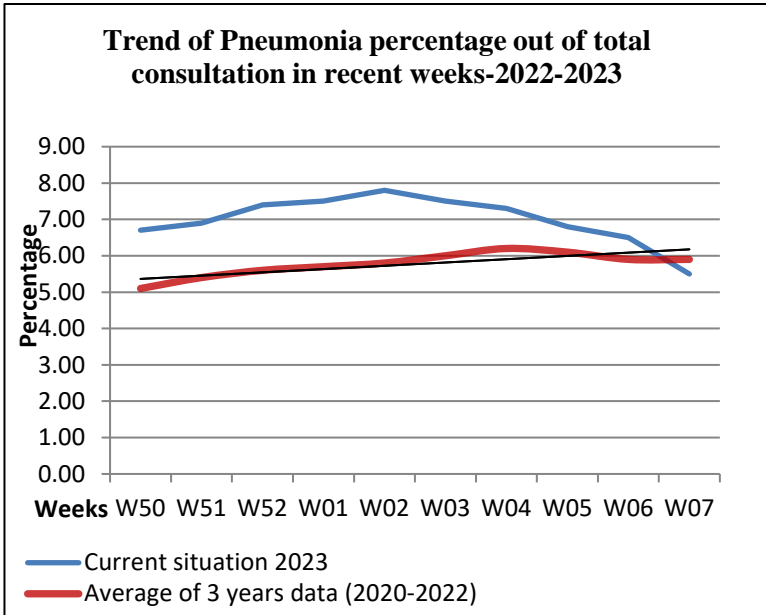


Figure 3: B

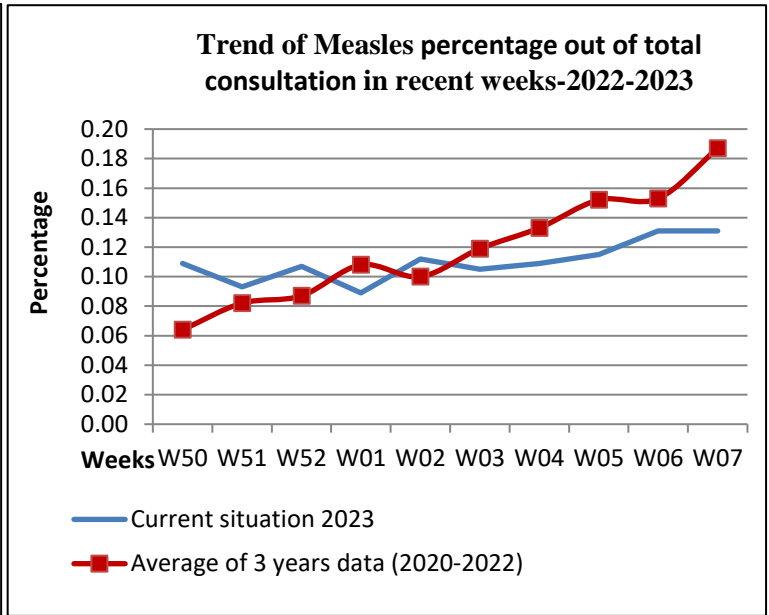


Figure 3: C

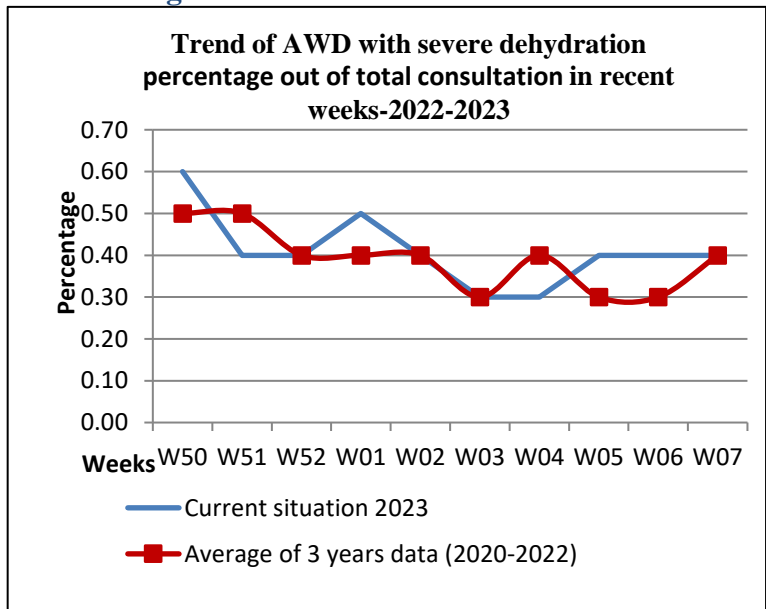
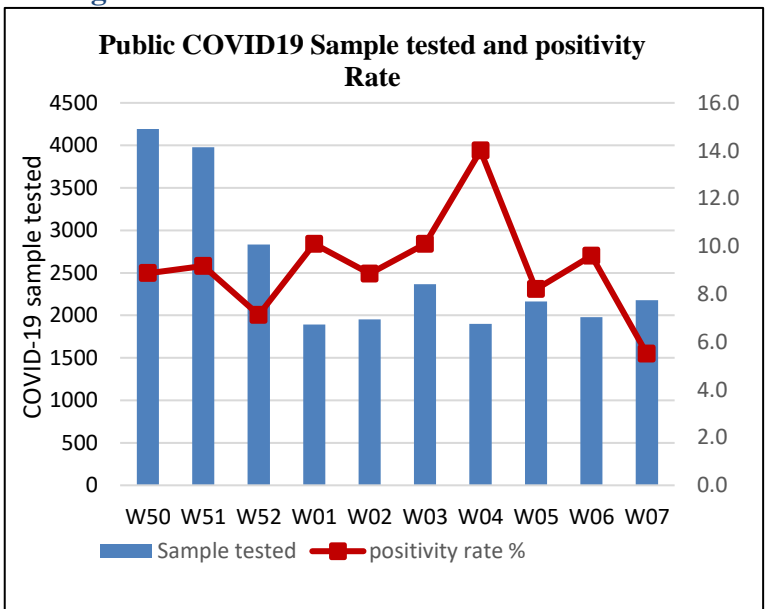


Figure 3: D



**Table 3: Outbreaks in week 07<sup>th</sup> 2023:**

<b>Suspected Measles outbreaks from Bamyan, Farah, Faryab, Ghazni, Helmand, Kabul, Kunar, Nangarhar, Nuristan, Paktya and Urozgan Provinces</b>										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
12/02/2023	Bamyan	Center	Kamettee Foladi	6	4	10	0	80%	80%	<p>In this week, 16 suspected Measles outbreaks were reported from <b>Bamyan, Farah, Faryab, Ghazni, Helmand, Kabul, Kunar, Nangarhar, Nuristan, Paktya and Urozgan Provinces</b> .</p> <p>The outbreaks were investigated, case management was done for all the cases. Also, health education sessions were conducted. Vaccination of children in the surrounding villages of the affected area is going on.</p>
12/02/2023			Haidar Abad	2	21	23	0	80%	80%	
14/02/2023	Farah	Farah City	Khair Abad	14	4	18	0	0	0	
14/02/2023	Faryab	Dawlatabad	Shahre Now	1	4	5	0	91%	50%	
16/02/2023	Ghazni	Center	Esfandah	15	7	22	0			
12/2/2023	Helmand	Grishk	Haji Mo Rasool Aka Kali	2	7	9	0	NA	25%	
13/02/2023		Lashkarga City	Malimino Nomri	6	4	10	0	NA	35%	
12/02/2023	Kabul	Kabul	Indria Gandhi+Ataturk	7	1	8	0	NA	0	
13/02/2023	Kunar	Asadabad Center	Argadil	5	5	10	0	0	0	

13/02/2023		Narang	Qalagano	4	3	7	0	100%	90%
15/02/2023	Nangarhar	Sorkhroad	Khirabad	4	11	15	0	100%	60%
17/02/2023		Mahmandara	Koza Landi	4	1	5	0	100%	70%
12/2/2023	Nuristan	Kamdish	Merdish	4	1	5	0	88%	55%
12/02/2023	Paktya	Ahmadaba	Khank Khil	8	3	11	0	N/A	70%
14/02/2023		Chamkani	Pas Andar	16	1	17	0	N/A	N/A
13/02/2023	Urozgan	Chora	Zeerzingai	2	9	11	0	55%	0%

### Suspected chickenpox outbreaks from Bamyan, Daykundi, Kandahar, Khost and Nimroz provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
12/02/2023	Bamyan	Center	Gulistan	33	0	During this week <b>08 suspected chickenpox</b> outbreaks were reported from <b>Bamyan, Daykundi, Kandahar, Khost and Nimroz</b> Provinces, case management was done. Health education sessions were conducted for all the cases.
13/02/2023	Daykundi	Ashter Lai	Kaji/Dahnibiran	10	0	
13-02-2023	Kandahar	Mia Nashin	Saliman Khil	48	0	
11/02/2023	Khost	Matoon(Center)	Peer Kali Madrasa	48	0	
14-02-2023	Nimroz	Zarang	Qala Moh Village	16	0	

18/02/2023	Takhar	Taluqan	Proja sharqi	4	0	
02/11/2023	Urozgan	Tarinkot	Aborda	11	0	
11/02/2023	Wardak	Said abad	Mali Khil	17	0	

#### ARI/Pneumonia outbreaks from Kabul and Paktika provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
15/02/2023	Kabul	Paghamn	Bara Arghandi	34	0	During this week <b>03 ARI/Pneumonia</b> outbreaks were reported from <b>Kabul and Paktika</b> provinces, case management was done. Health education sessions were conducted for all the cases.
12/02/2023	Paktika	Jani Khel	Shakhel Abad	19	0	
11/02/2023		Jani Khel	Shakhel Abad	19	0	

#### Clinical Scabies outbreaks from Baghlan, Urozgan and Kapisa provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
16/02/2023	Baghlan	Doshi	Kaligay Maktab	8	0	During this week <b>03 Clinical Scabies</b> outbreaks were reported from <b>Baghlan, Urozgan and Kapisa</b> provinces, case management was done. Health education sessions were conducted for all the cases.
12/02/2023	Urozgan	Tarinkot	Malizai	8	0	
12/02/2023	Kapisa	Kohistan-2	Feroze-E	14	0	

#### Suspected Mumps outbreaks from Helmand and Nimroz provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
14-02-2023	Helmand	Lashkarga City	Kochiano Kariz	7	0	During this week <b>02</b> suspected <b>Mumps</b> outbreak was reported from <b>Helmand and Nimroz</b> provinces, case management was done. Health education sessions were conducted for all the cases.
13-02-2023	Nimroz	Zarang	Majar Abad	5	0	

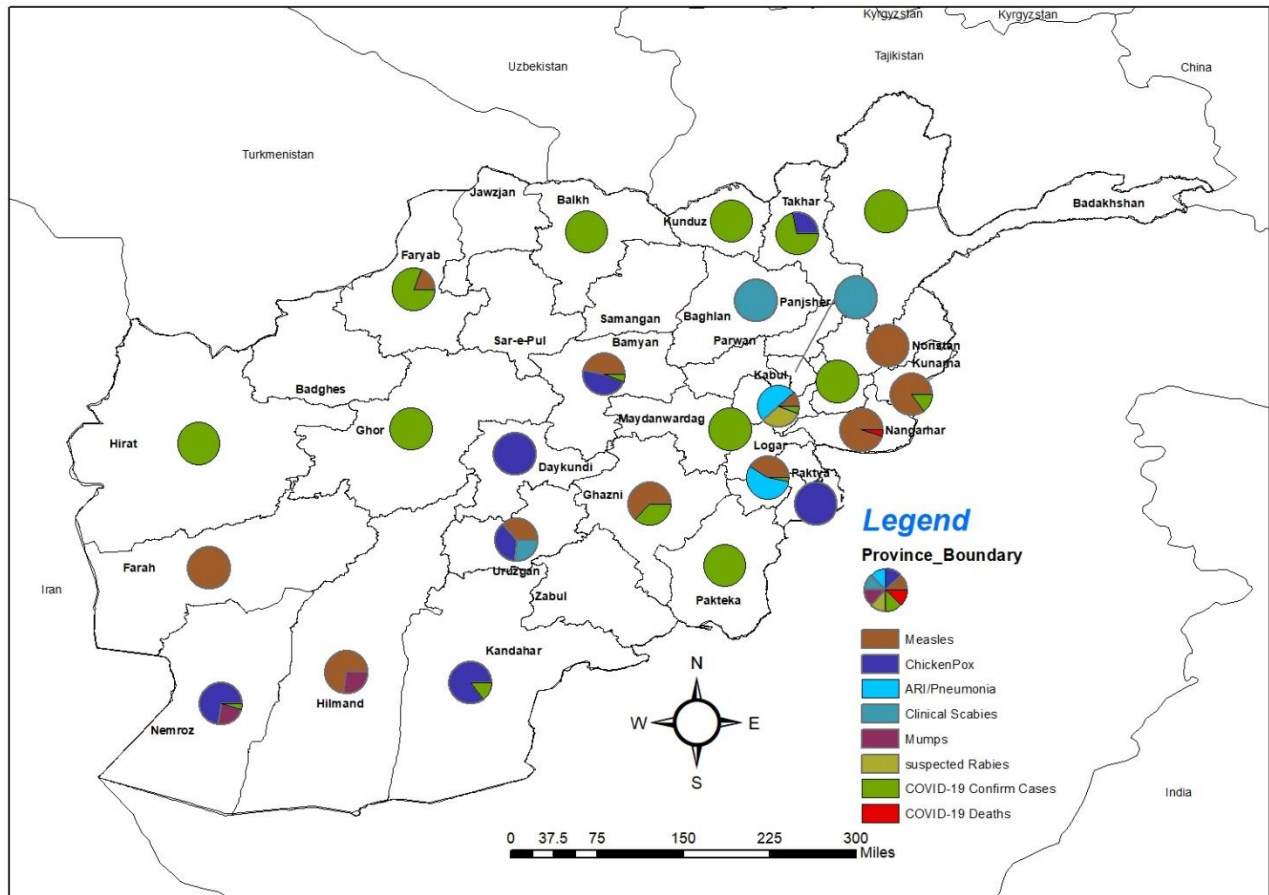
**Dog bites/ Suspected Rabies outbreak from Kabul province**

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
12/2/2023	Kabul	Qarabagh	Gayakheil	22	0	During this week <b>01 Dog bites/suspected Rabies</b> outbreak was reported from <b>Kabul</b> province, case management was done. Health education session was conducted for all the cases.

**Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 18 Feb 2023)**

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	64	18	752	0
CCHF	4	0	4	0
Dog bites/Suspected Rabies	12	0	115	0
Pertussis	10	0	96	0
Acute Watery Diarrhea	0	0	0	0
Food Poisoning	0	0	0	0
Unknown Poisoning	0	0	0	0
Scabies	16	0	685	0
Chickenpox	24	0	737	0
Leishmaniosis	3	0	148	0
Cat bite suspected rabies	0	0	0	0
Mumps	11	0	137	0
Diphtheria	0	0	0	0
Pneumonia	28	0	1017	6
ARI Cough and cold	1	0	24	0
Dengue fever	0	0	0	0
Skin disease	1	0	545	0
Anthrax	1	0	1	0
Confirmed Malaria	0	0	0	0
Acute Viral Hepatitis (AVH)	0	0	0	0
COVID-19	1	1	1385	40
<b>Grand Total</b>	<b>176</b>	<b>19</b>	<b>5646</b>	<b>46</b>

**Figure 4: COVID-19, Suspected Measles, Suspected Chickenpox, Suspected Pneumonia, Clinical Scabies, Suspected Mumps, suspected Rabies and Covid-19 cases and deaths during the week 07<sup>th</sup> 2023**



**Laboratory surveillance:**

A total of **2785** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **121** specimens were confirmed for COVID-19, **05** specimens were confirmed for **Acute Viral Hepatitis**, **03** specimens were confirmed for **Malaria** and **01** specimens were confirmed for **Measles**. (Follow-up by the CPHL is going on).

**Influenza Surveillance activities:**



In Epidemiological week 7th 2023, we have received Epidemiological reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 216 (5.7%) Severe Acute Respiratory Infections cases were reported and 88% were under 5 years old. The proportion of SARI cases were slightly decreased compared to week 6th 2023. 06 SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (38.7%), Kabul (28%), and Bamyan (13%) provinces. During this Epi-week, our field staff shipped 54 SARI and 36 ILI specimens to the National Influenza Center (NIC).

### **COVID-19 Surveillance activities:**

In this week, **2180** specimens were tested for suspected COVID-19. Out of which **121** specimens were confirmed for COVID-19 by RT-PCR.

- COVID-19 case positivity rate was 5.5 % in this week, which decreased 4 % compared to the previous week.
- Out of **121** confirmed cases, **557** contacts of **149** confirmed cases were traced that were mostly family members with an average of 3 contacts per one case, and will be continued until 14 days of their last contact with the confirmed cases. Also, surveillance screening teams screened all the passengers at the points of entry for fever. In addition, health education was conducted for them, about **39045** passengers have been screened for COVID-19 at the points of entry of five provinces (Balkh, Herat, Nangarhar, Kandahar and Nimroz).

### **Challenges:**

- Measles cases are still a public health concern in the country, this week **1023** measles cases were reported to the surveillance system
- ARI pneumonia cases are on the increasing trend compared to last weeks and the same weeks of the previous year
- Weak response system to outbreaks at the national level

### **Recommendations:**

- COVID-19 preventive and control measures should be strengthened
- Public awareness regarding ARI pneumonia prevention and control is needed
- Vaccine preventable diseases (especially Measles and Pertussis vaccination and preventive measures) should be strengthened.
- The measles response strategy should be reviewed in order to respond to the current measles epidemic situation
- RRTs establishment at the provincial and national level is needed, to timely investigate and respond the outbreaks
  - **EPI:** As the surveillance system detected **1023** suspected Measles cases with 03 death at the national level, so further prevention and control measures should be conducted by the EPI team.
- The findings should be analyzed further at different levels and appropriate actions to be taken by the concerned departments.